

Material Safety Data Sheet

May be used to comply with
OSHA's Hazard Communication Standard
29 CFR 1910.1200. Standard must be
consulted for specific requirements

U.S. Department of Labor

Occupation Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

IDENTITY

RESTORE 180075

*Note: Blank spaces are not permitted. If any item is not applicable, or no
information is available, the space must be marked to indicate that.*

Section I

Manufactured For: Beaver Research Company		Emergency Telephone Number 1-800-255-3924 (Chem-Tel)
Address (Number, Street, City, State, and ZIP Code) 3700 E. Kilgore Rd Portage, MI 49002		Telephone Number For Information 269-382-0133
HMIS RATINGS: 4=Extreme 1=Slight 3=High 0=Insignificant 2=Moderate	Health: 3 Fire: 0 Reactivity: 0 Maximum Personal Protection: C	Date Prepared 11/99 Signature of Preparer (optional)

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	CAS No.	PEL	TLV	LD50	LC50	%
Water	7732-18-5	N.E.	N.E.	N.D.	N.D.	60-100
2-Butoxyethanol	111-76-2	25ppm	25ppm	450mg/kg	700ppm7hr	4
Anionic surfactants	N.A.	N.E.	N.E.	N.D.	N.D.	1-5

This mixture contains 4% 2-Butoxyethanol which is subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR, Part 372.

Section III - Physical/Chemical Characteristics

Boiling Point	212°F 100°C	Specific Gravity	1.08
Freezing Point	32°F 0°C	Vapor Pressure (mm Hg)	<30
Vapor Density (AIR = 1)	<1	Evaporation Rate (Water = 1)	N.E.
Solubility in Water	pH	12.4-13.0 (1% pH 9.5)	
Complete	Total VOC		
Appearance and Odor Blue/green liquid with citrus odor.			

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) N.A.	Flammable Limits N.A.	LEL N.A.	UEL N.A.
Extinguishing Media Use media proper to the primary cause of fire.			
Special Fire Fighting Procedures None.			
Unusual Fire and Explosion Hazards None.			

Section V - Reactivity Data

Stability	Unstable		Conditions to Avoid	N.A.
	Stable	X		
Incompatibility (Materials to Avoid) Strong acids and oxidizers.				
Hazardous Decomposition or Byproducts None known.				
Hazardous	May Occur		Conditions to Avoid	N.A.
Polymerization	Will Not Occur	X		

Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
	Yes	Yes	Yes

Health Hazards (Acute and Chronic)

Eyes: May cause severe irritation, redness, burns and possible corneal injury.**Skin:** May cause severe irritation, redness, burns. May be absorbed through skin with prolonged or repeated contact.**Ingestion:** May cause severe irritation or burning of gastrointestinal tract and possible mucosal injury. **Inhalation:** May irritate respiratory tract when used with inadequate ventilation.

Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
	No	No	No

Signs and Symptoms of Exposure

N.A.

Medical Conditions Generally Aggravated by Exposure

None known.

Emergency and First Aid Procedure

Eyes: Flush with a large amount of water for 15 minutes holding eyelids open. Seek medical attention.**Skin:** Remove contaminated clothing and footwear. Flood/shower with water.**Ingestion:** Rinse mouth with water. Give 2-3 large glasses of water. Do not induce vomiting. Seek medical attention.**Inhalation:** Remove to fresh air and rest. In all cases if symptoms persist, seek medical attention.**Section VII - Precautions for Safe Handling and Use**

Steps to be Taken in Case Material is Released or Spilled

Collect and reuse if possible. Dilute and flush to sewer with large quantities of water if permitted by regulatory authorities or absorb on inert material (sand, clay, etc.) and place into container for proper disposal. Do not allow runoff into public waterways.

Waste Disposal Method

Dispose of as permitted by all federal, provincial, state and local regulatory authorities.

Precautions to be Taken in Handling and Storage

Store in cool, dry area. Follow good housekeeping practices.

Other Precautions

Keep out of reach of children.

Section VIII - Control Measures

Respiratory Protection (Specify Type)

None normally required with adequate room ventilation.

Ventilation	Local Exhaust	Acceptable	Special	N.A.
	Mechanical(General)	Recommended	Other	N.A.

Protective Gloves

Rubber/Neoprene.

Eye Protection

Chemical splash goggles.

Other Protective Clothing or Equipment

Full cover clothing -- rubber apron.

Work/Hygienic Practices

Wash thoroughly after use.